

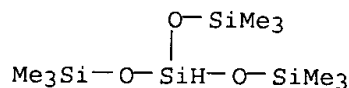
E7 1 TRIS (TRIMETHYLSILOXY) Silylmethanethiol/CN
 E8 1 TRIS (TRIMETHYLSILYL) BORATE/CN
 E9 1 TRIS (TRIMETHYLSILYL) CYANURATE/CN
 E10 1 TRIS (TRIMETHYLSILYL) PHOSPHATE/CN
 E11 1 TRIS (TRIMETHYLSILYL) PHOSPHITE/CN
 E12 1 TRIS (TRIMETHYLSILYL) THIAMPHENICOL/CN

=> s e3

L1 1 "TRIS (TRIMETHYLSILOXY) SILANE"/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 1873-89-8 REGISTRY
 CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3-[(trimethylsilyl)oxy]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3-(trimethylsiloxy)- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN **Tris(trimethylsiloxy)silane**
 CN Tris(trimethylsilyloxy)silane
 FS 3D CONCORD
 MF C9 H28 O3 Si4
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, MSDS-OHS, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

88 REFERENCES IN FILE CA (1947 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 88 REFERENCES IN FILE CAPLUS (1947 TO DATE)
 10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e methyltris(trimethylsiloxy)silane/cn

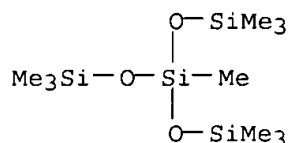
E1 1 METHYLTRIS (TRIMETHYLPHOSPHINE) PLATINUM(1+)
 1,1,1,5,5,5-HEXAF LUORO-2,4-PENTANEDIONATE/CN
 E2 1 METHYLTRIS (TRIMETHYLPHOSPHINE) RHODIUM/CN
 E3 1 --> METHYLTRIS (TRIMETHYLSILOXY) SILANE/CN
 E4 1 METHYLTRIS (TRIMETHYLSILYL) BISMUTHONIUM/CN
 E5 1 METHYLTRIS (TRIMETHYLSILYL) SILANE/CN
 E6 1 METHYLTRIS (TRIMETHYLSTANNYL) STANNANE/CN
 E7 1 METHYLTRIS (TRIPHENYLPHOSPHINE) COBALT/CN
 E8 1 METHYLTRIS (TRIPHENYLPHOSPHINE) PLATINUM(1+)
 TRIFLUOROMETHANES
 ULFONATE/CN
 E9 1 METHYLTRIS (TRIPHENYLPHOSPHINE) RHODIUM/CN
 E10 1 METHYLTRIS (VINILOXY) GERMANE/CN
 E11 1 METHYLTRIS (VINYLTHIO) SILANE/CN
 E12 1 METHYLTRIS (VINYLTHIO) SILANE POLYMER/CN

=> s e3

L2 1 "METHYLTRIS (TRIMETHYLSILOXY) SILANE"/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 17928-28-8 REGISTRY
CN Trisiloxane, 1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Trisiloxane, 1,1,1,3,5,5,5-heptamethyl-3-(trimethylsiloxy)- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 1,1,1,3,5,5,5-Heptamethyl-3-(trimethylsiloxy)trisiloxane
CN **Methyltris(trimethylsiloxy)silane**
CN Tris(trimethylsiloxy)methylsilane
MF C10 H30 O3 Si4
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSChem, DETHERM*, GMELIN*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

81 REFERENCES IN FILE CA (1947 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
81 REFERENCES IN FILE CAPLUS (1947 TO DATE)
16 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e propyltris(trimethylsiloxy)silane/cn

E1 1 PROPYLTRIPHENYLPHOSPHONIUM TCNQ (1:2)/CN
E2 1 PROPYLTRIS (DIMETHYLSILOXY) SILANE/CN
E3 0 --> PROPYLTRIS (TRIMETHYLSILOXY) SILANE/CN
E4 1 PROPYLURE/CN
E5 1 PROPYLURE-DEET MIXTURE/CN
E6 1 PROPYLUREA/CN
E7 1 PROPYLUREA CONJUGATE ACID/CN
E8 1 PROPYLUROFURANIC ACID/CN
E9 1 PROPYLUX/CN
E10 1 PROPYLVINYLCARBINOL/CN
E11 1 PROPYLVIOLOGEN DIBROMIDE/CN
E12 1 PROPYLVIOLOGEN DIPERCHLORATE/CN

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	17.00	17.21

FILE 'CAPLUS' ENTERED AT 08:26:11 ON 12 AUG 2003

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 81 L2

=> s 12 and cleaning

81 L2
107556 CLEANING
L4 7 L2 AND CLEANING

=> d 1-7 kwic

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
TI Vapor phase siloxane dry **cleaning** process
AB Volatile cyclic, linear or branched siloxanes are used in the vapor phase for the **cleaning** of soiled or stained fabrics. The linear or branched siloxanes are M2+y+2zDxTyQz (M = R13SiO1/2; D = R2R3SiO2/2; T = .
ST siloxane dry **cleaning** agent textile
IT Detergents
(dry-**cleaning**; volatile phase cyclic, linear or branched siloxane solvent for dry **cleaning** of garments)
IT **Cleaning** solvents
Textiles
(volatile phase cyclic, linear or branched siloxane solvent for dry **cleaning** of garments)
IT Cyclosiloxanes
Polysiloxanes, uses
Siloxanes (nonpolymeric)
RL: TEM (Technical or engineered material use); USES (Uses)
(volatile phase cyclic, linear or branched siloxane solvent for dry **cleaning** of garments)
IT 107-46-0, Hexamethyldisiloxane 107-51-7, Octamethyltrisiloxane
107-52-8, Tetradecamethylhexasiloxane 141-62-8, Decamethyltetrasiloxane
141-63-9, Dodecamethylpentasiloxane 541-01-5, Hexadecamethylheptasiloxane 541-02-6, Decamethylcyclopentasiloxane
17928-28-8, Methyltris(trimethylsiloxy)silane
RL: TEM (Technical or engineered material use); USES (Uses)
(volatile phase cyclic, linear or branched siloxane solvent for dry **cleaning** of garments)
L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
TI Preparation of branched siloxanes useful as industrial siloxane

lubricants, cosmetic fluids, and **cleaning** agents.

AB . . . a linear phosphonitric chloride (LPNC) catalyst. Compds. of the type prepd. are useful as industrial siloxane lubricants, cosmetic fluids, and **cleaning** agents.

ST siloxane nonpolymeric prepn linear phosphonitric chloride catalyst; lubricant siloxane nonpolymeric prepn; cosmetic fluid siloxane nonpolymeric prepn; **cleaning** agent siloxane nonpolymeric prepn; methyltristrimethylsiloxysilane prepn; propyltristrimethylsiloxysilane prepn; alkyltrisalkylsiloxysilane prepn

IT Cosmetics
(liqs.; prepn. of branched siloxanes useful as industrial siloxane lubricants, cosmetic fluids, and **cleaning** agents)

IT Scouring agents
(prepn. of branched siloxanes useful as industrial siloxane lubricants, cosmetic fluids, and **cleaning** agents)

IT Siloxanes (nonpolymeric)
RL: IMF (Industrial manufacture); PREP (Preparation)
(prepn. of branched siloxanes useful as industrial siloxane lubricants, cosmetic fluids, and **cleaning** agents)

IT Lubricants
(siloxane; prepn. of branched siloxanes useful as industrial siloxane lubricants, cosmetic fluids, and **cleaning** agents)

IT 13940-58-4P **17928-28-8P**, Methyltris(trimethylsiloxy)silane 60111-46-8P
RL: IMF (Industrial manufacture); PREP (Preparation)
(prepn. of branched siloxanes)

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

TI Method of dry **cleaning** fabrics and dry **cleaning** solvent therefor

AB The method comprises (a) immersing or soaking a fabric material in a dry **cleaning** solvent contg. $\geq 30\%$ which is a tris(trimethylsiloxy)silane $\text{RSi(OSiMe}_3)_3$ (R = C1-6 monovalent hydrocarbyl) and 0-70% petroleum-based hydrocarbon solvent to dissolve out dirt materials deposited on the fabric material into the solvent; (b) removing the dirt material dissolved dry **cleaning** solvent by solid-liq. sepn.; and (c) drying the cleaned fabric material. The **cleaning** method provide high cleansing effect on oily or greasy dirt deposited on the fabrics and very pleasant touch feeling.

ST trimethylsiloxy silane dry **cleaning** solvent fabric

IT Hydrocarbon oils
RL: TEM (Technical or engineered material use); USES (Uses)
(Brightsol; method of dry **cleaning** fabrics using tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT Textiles
(cotton; method of dry **cleaning** fabrics using tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT Dry **cleaning** solvents
(drying; method of dry **cleaning** fabrics using tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT Polyamide fibers, miscellaneous
Polyester fibers, miscellaneous
RL: MSC (Miscellaneous)
(fabrics; method of dry **cleaning** fabrics using tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT Textiles
(method of dry **cleaning** fabrics using tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT Petroleum hydrocarbons
RL: TEM (Technical or engineered material use); USES (Uses)
(method of dry **cleaning** fabrics using tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT **17928-28-8P**, Methyltris(trimethylsiloxy)silane 60111-46-8P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (method of dry **cleaning** fabrics using
 tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT 1873-89-8D, Tris(trimethylsiloxy)silane, alkyl derivs.
 RL: TEM (Technical or engineered material use); USES (Uses)
 (method of dry **cleaning** fabrics using
 tris(trimethylsiloxy)silane-based dry **cleaning** solvents)

IT 75-79-6, Methyltrichlorosilane 107-46-0, Hexamethyldisiloxane
 141-57-1, Propyltrichlorosilane 1066-40-6, Trimethyl silanol
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (prepn. of tris(trimethylsiloxy)silane-based dry **cleaning**
 solvents)

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

TI Dry-**cleaning** detergent compositions containing silicone oils and
 silicone-type surfactants

AB . . . 95-99.9% silicone oil with b.p. .ltoreq.300.degree. at 1 atm.
 and
 0.1-5% silicone surfactant compatible to the silicone oil. Thus, a dry-
cleaning detergent compn. comprising 99.7 parts
 octamethylcyclopentasiloxane and 0.3 parts

(CH3)3SiO[Si(CH3)2O]27[Si(R)(CH
 3)O]3Si(CH3)3 (R = -(CH2)3O(C2H4O)4H) showed good detergency and no odor
 of. . . .

ST silicone oil dry **cleaning** detergent; polyoxyalkylene
 polysiloxane surfactant dry **cleaning** detergent

IT Surfactants
 (dry-**cleaning** detergent compns. contg. silicone oils and
 silicone-type surfactants)

IT Polysiloxanes, uses
 RL: TEM (Technical or engineered material use); USES (Uses)
 (dry-**cleaning** detergent compns. contg. silicone oils and
 silicone-type surfactants)

IT Detergents
 (dry-**cleaning**; dry-**cleaning** detergent compns.
 contg. silicone oils and silicone-type surfactants)

IT Polysiloxanes, uses
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material
 use); PREP (Preparation); USES (Uses)
 (polyoxyalkylene-, graft, surfactants; dry-**cleaning** detergent
 compns. contg. silicone oils and silicone-type surfactants)

IT Polyoxyalkylenes, uses
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material
 use); PREP (Preparation); USES (Uses)
 (polysiloxane-, graft, surfactants; dry-**cleaning** detergent
 compns. contg. silicone oils and silicone-type surfactants)

IT 214495-17-7DP, trimethylsilyl-terminated
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material
 use); PREP (Preparation); USES (Uses)
 (dry-**cleaning** detergent compns. contg. silicone oils and
 silicone-type surfactants)

IT 107-51-7, Octamethyltrisiloxane 141-62-8, Decamethyltetrasiloxane
 141-63-9, Dodecamethylpentasiloxane **17928-28-8**,
 Tris(trimethylsiloxy)methylsilane 62306-33-6,
 Octamethylcyclopentasiloxane
 RL: TEM (Technical or engineered material use); USES (Uses)
 (dry-**cleaning** detergent compns. contg. silicone oils and
 silicone-type surfactants)

IT 156310-28-ODP, Dimethylsilanediol-methylsilanediol-ethylene oxide graft
 copolymer, trimethylsilyl-terminated 163750-01-4P, Dimethylsilanediol-
 methylsilanediol-ethylene oxide-propylene oxide graft copolymer n-butyl
 ether
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material
 use); PREP (Preparation); USES (Uses)
 (surfactant; dry-**cleaning** detergent compns. contg. silicone

oils and silicone-type surfactants)

- L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
TI Process for stabilization of siloxane dry **cleaning** solvents by contacting them with water
AB A method for stabilizing silicone dry **cleaning** solvents that may contain an undesirable acidic impurity capable of causing cyclic siloxane formation comprises contacting the silicone solvent with. . .
ST siloxane dry **cleaning** solvent stabilization water
IT Zeolite 13X
Zeolite 4A
RL: NUU (Other use, unclassified); USES (Uses)
(adsorbents; stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns. and drying with)
IT Dry **cleaning** solvents
Extractants
Extraction
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns.)
IT Cyclosiloxanes
Siloxanes (nonpolymeric)
RL: PUR (Purification or recovery); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns.)
IT Adsorbents
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns. and drying with)
IT 7778-18-9, Calcium sulfate 10043-52-4, Calcium chloride, uses
RL: NUU (Other use, unclassified); USES (Uses)
(adsorbent; stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns. and drying with)
IT 7732-18-5, Water, uses
RL: NUU (Other use, unclassified); USES (Uses)
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns.)
IT 107-51-7P, Octamethyltrisiloxane 141-62-8P, Decamethyltetrasiloxane 141-63-9P, Dodecamethylpentasiloxane 541-02-6P, Decamethylcyclopentasiloxane 556-67-2P, Octamethylcyclotetrasiloxane 17928-28-8P, Methyltris(trimethylsiloxy)silane
RL: PUR (Purification or recovery); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns.)
IT 144-55-8, Sodium bicarbonate, uses 497-19-8, Sodium carbonate, uses 7447-40-7, Potassium chloride, uses 7487-88-9, Magnesium sulfate, uses 7647-14-5, Sodium chloride, uses 7647-15-6, Sodium bromide, uses
RL: NUU (Other use, unclassified); USES (Uses)
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns. contg.)
IT 64-19-7, Acetic acid, processes 75-75-2, Methanesulfonic acid 104-15-4, p-Toluenesulfonic acid, processes 1832-07-1, Phosphonitrilic chloride 7647-01-0, Hydrochloric acid, processes 7664-93-9, Sulfuric acid, processes 27176-87-0, Dodecylbenzenesulfonic acid
RL: REM (Removal or disposal); PROC (Process)
(stabilization of siloxane dry **cleaning** solvents by contacting with aq. solns. to remove)
- L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
TI Process for stabilization of siloxane dry **cleaning** compounds
AB A method for stabilizing silicone dry **cleaning** solvents contg. impurities comprises contacting the silicone solvent with an adsorbent, neutralizing agent or combination thereof to purify the solvent. . .
ST silicone dry **cleaning** solvent stabilization absorbent neutralizing agent
IT Clays, uses

RL: TEM (Technical or engineered material use); USES (Uses)
(acidic, adsorbent; process for stabilization of siloxane dry
cleaning compds.)

IT Diatomite
Fuller's earth
Silica gel, uses
Zeolite 13X
Zeolite 4A
RL: TEM (Technical or engineered material use); USES (Uses)
(adsorbent; process for stabilization of siloxane dry **cleaning**
compds.)

IT Neutralization
(agent; process for stabilization of siloxane dry **cleaning**
compds.)

IT Charcoal
RL: TEM (Technical or engineered material use); USES (Uses)
(decolorizing, adsorbent; process for stabilization of siloxane dry
cleaning compds.)

IT Polysiloxanes, processes
RL: PEP (Physical, engineering or chemical process); PROC (Process)
(dry **cleaning** solvent; process for stabilization of siloxane
dry **cleaning** compds.)

IT Adsorbents
Dry **cleaning** solvents
Stabilizing agents
(process for stabilization of siloxane dry **cleaning** compds.)

IT 1832-07-1, Phosphonitrile chloride
RL: REM (Removal or disposal); PROC (Process)
(linear; process for stabilization of siloxane dry **cleaning**
compds.)

IT 64-19-7, Acetic acid, processes 75-75-2, Methanesulfonic acid
104-15-4, p-Toluenesulfonic acid, processes 7647-01-0, Hydrochloric acid,
processes 7664-93-9, Sulfuric acid, processes 27176-87-0,
Dodecylbenzenesulfonic acid
RL: REM (Removal or disposal); PROC (Process)
(process for stabilization of siloxane dry **cleaning** compds.)

IT 107-51-7, Octamethyltrisiloxane 141-62-8, Decamethyltetrasiloxane
141-63-9, Dodecamethylpentasiloxane 541-02-6,
Decamethylcyclopentasiloxane 556-67-2, Octamethylcyclotetrasiloxane
17928-28-8, Methyltris(trimethylsiloxy)silane
RL: TEM (Technical or engineered material use); USES (Uses)
(process for stabilization of siloxane dry **cleaning** compds.)

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

TI Organosiloxane type **cleaning** agent and **cleaning** method

AB The title **cleaning** agents contain a siloxane oligomer selected
from $\text{RSi}[(\text{OSiR}_2)_x\text{R}]_3$ [R = (substituted) monovalent hydrocarbon group; x =
1-3] and $\text{Si}[(\text{OSiR}_2)_y]_4$ (R. . . group; y = 1-3), where R does not
include chlorinated hydrocarbon groups. The compds have low surface
tension and good **cleaning** liq. cutting characteristics.
Methyltris(trimethylsiloxy)silane was prepd. from
methyltrimethoxysilane
and hexamethyldisiloxane.

ST siloxane **cleaning** agent

IT Detergents
(organosiloxane type **cleaning** agent and **cleaning**
method)

IT 681-84-5P, Tetramethoxy silane 3555-47-3P, Tetrakis(trimethylsiloxy)
silane **17928-28-8P**, Methyltris(trimethylsiloxy)silane
RL: IMF (Industrial manufacture); TEM (Technical or engineered material
use); PREP (Preparation); USES (Uses)
(organosiloxane type **cleaning** agent and **cleaning**
method)

IT 107-46-0, Hexamethyldisiloxane 1185-55-3, Methyl trimethoxysilane
RL: RCT (Reactant); RACT (Reactant or reagent)
(organosiloxane type **cleaning** agent and **cleaning**